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CERTIFICATE OF ANALYSIS

Product	Magnesium Sulfate Heptahydrate
Grade	ACS
Product Code	MB0329
Formula	$\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$
MW	246.48
CAS#	10034-99-8
Lot No	

Test Items	Specifications	Results
Assay	$\geq 99\%$	
PH of 5% solution	5.0-8.2 @ 25°C	
Insoluble Matter	$\leq 0.005\%$	
Chloride (Cl)	$\leq 5 \text{ ppm}$	
Nitrate (NO_3)	$\leq 0.002\%$	
Ammonium (NH_4)	$\leq 0.002\%$	
Calcium (Ca)	$\leq 0.02\%$	
Manganese (Mn)	$\leq 5 \text{ ppm}$	
Potassium (K)	$\leq 0.005\%$	
Sodium (Na)	$\leq 0.01\%$	
Strontium (Sr)	$\leq 0.005\%$	
Heavy Metals (as Pb)	$\leq 10 \text{ ppm}$	
Iron (Fe)	$\leq 5 \text{ ppm}$	

Storage: 18~25°C.

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